What is claimed is:

1. A voice recognition apparatus comprising:

an input unit for inputting a voice uttered by a speaker;

a signal processor for splitting a sound signal input by said input unit to generate acoustic data;

a language model generation and storage section for storing a plurality of phoneme models; and

a voice recognition processor for comparing the generated acoustic data with a plurality of word acoustic data stored in said language model generation and storage section and outputting identification information including a word identifier of matching word acoustic data as a result of voice recognition; and

a display unit for displaying the recognition result,

wherein said voice recognition processor sequentially compares acoustic data split by said signal processor with the word acoustic data generated from the phoneme model stored in said language model generation and storage section, and stores the word identifier of the word acoustic data corresponding to the generated acoustic data, which match the word acoustic data, as a training signal.

2. The voice recognition apparatus according to claim 1,

wherein

said voice recognition processor outputs word data corresponding to the name of the distant party who calls in progress and a word identifier to distinguish the word to said language model generation and storage section, outputs an acoustic data identifier with high degree of coincidence and acoustic data corresponding to the acoustic data identifier to said language model generation and storage section, and stores the generated acoustic data which are united in the form of a sequence of data in time.

3. The voice recognition apparatus according to claim 1, wherein

said signal processor comprises a memory section for storing words which precedes and follows the name, wherein

the word which precedes the name is assumed as a start signal and the word which follows the name is assumed as an end signal.

4. The voice recognition apparatus according to claim 3, wherein

said signal processor stores a dead space which exists before the name in Japanese without exception in the memory section and detects the dead space to assume the dead space as a start signal.

5. The voice recognition apparatus according to claim 4, wherein

said signal processor comprises a detector section for detecting a dead space and a controller for assuming the detected dead space as a start signal.

6. The voice recognition apparatus according to claim 5, wherein

said signal processor provides a threshold level for detecting a dead space in said detector section.

7. The voice recognition apparatus according to claim 1, wherein

said voice recognition processor separately stores first section of a word and remaining section of the word into a word dictionary storage section and groups together words beginning with said first section.

8. The voice recognition apparatus according to claim 7, wherein

said voice recognition processor previously generates a word acoustic data of a first character from the first section in said word dictionary storage section and the phoneme model to store to the language model generation and storage section.

9. The voice recognition apparatus according to claim 7, wherein

said voice recognition processor splits a word dictionary into blocks of a first character, a family name and a first name.

10. A voice recognition apparatus comprising:

an input unit for inputting a voice uttered by a speaker;

a signal processor for splitting a sound signal input by said input unit to generate acoustic data;

a language model generation and storage section for storing a plurality of phoneme models; and

a voice recognition processor for comparing the generated acoustic data with a plurality of word acoustic data stored in said language model generation and storage section and outputting identification information including a word identifier of matching word acoustic data as a result of voice recognition; and

a display unit for displaying the recognition result,

wherein said voice recognition processor sequentially compares word acoustic data stored in said language model generation and storage section and acoustic data generated from a name uttered by the speaker and gives a frequency

"1" to word acoustic data having the highest degree of coincidence output from a word identification section when used for each word acoustic data stored in said language model generation and storage section, and adds up each time of using to perform weighting.

11. The voice recognition apparatus according to claim 10, wherein

said voice recognition processor uses only word acoustic data whose frequency is equal to or higher than an arbitrary degree to perform recognition operation.

12. The voice recognition apparatus according to claim 10, wherein

said voice recognition processor splits word acoustic data into blocks of arbitrary number of words in the descending order of use frequency, outputs word acoustic data of block of which use frequency is high, and displays block by block.

13. The voice recognition apparatus according to claim 10, wherein

said signal processor has a clock function and said voice recognition processor provides a time limit for calculating the use frequency based on a time reported from

said signal processor.

14. The voice recognition apparatus according to claims 1, wherein

said signal processor, in a case that the result displayed on the display unit after recognition operation differs from a result the user intends, stores a information showing the difference into a built-in memory, and skips the display of a word once erroneously recognized based on the information showing the difference in a case that the same word is uttered.

15. The voice recognition apparatus according to claims 1, wherein

said signal processor, in a case that the result displayed on the display unit after recognition operation differs from a result the user intends, stores a information showing the difference into a memory section of said voice recognition processor, and skips the display of a word once erroneously recognized based on the information showing the difference in a case that the same word is uttered.

16. A voice recognition apparatus comprising:

an input unit for inputting a voice uttered by a

speaker;

a signal processor for splitting a sound signal input by said input unit to generate acoustic data;

a language model generation and storage section for storing a plurality of phoneme models; and

a voice recognition processor for comparing the generated acoustic data with a plurality of word acoustic data stored in said language model generation and storage section and outputting identification information including a word identifier of matching word acoustic data as a result of voice recognition; and

a display unit for displaying the recognition result,

wherein said language model generation and storage section stores a specific word of each country into a word dictionary storage section.